

FORM PTO-100 (modified)  
 JAN 03 2003  
 U.S. DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE  
 LIST OF REFERENCES CITED BY APPLICANT(S)  
 (See several sheets if necessary)  
 Date Submitted to PTO: [DATE]

ATTY DOCKET NO.  
**03500.015727.**

APPL. DIVISION NO.

RECEIVED  
 09/24/2003  
 TECHNOLOGY CENTER 2800

APPLICANT

**TAKEO TSUKAMOTO**

FILING DATE

**AUGUST 30, 2001**

GROUP

**2821**

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	<b>5,982,091</b>	<b>11/99</b>	<b>Konishi</b>	<b>313</b>	<b>495</b>	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>P</i> <b>0 290 026</b>	<b>11/88</b>	<b>EPO</b>			<b>English</b>
<del><i>W</i> <b>0 535 953 A2</b></del>	<del><b>4/93</b></del>	<del><b>EPO</b></del>			<del><b>English</b></del>

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER *David W*

DATE CONSIDERED

*4/15/03*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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03500.015727.

APPLICATION NO.

09/941,780

APPLICANT

Takeo Tsukamoto

FILING DATE

August 30, 2001

GROUP

2821

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>2</i>	5,773,921	06/30/98	Keesman et al.	313	309	
<i>2</i>	5,973,444	10/26/99	Xu et al.	313	309	
<i>2</i>	5,935,639	8/10/99	Sullivan et al.	427	78	
<i>2</i>	4,956,578	9/11/90	Shimizu et al.	315	3	
<i>2</i>	5,185,554	2/9/93	Nomura et al.	313	495	
<i>2</i>	6,448,709	9/02	Chuang et al.	313	497	
<i>2</i>	6,204,597	03/01	Xie et al.	313	310	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>2</i>	WO 89/07163	08/10/89	Japan			English
<i>2</i>	WO 90/07023	06/28/90	PCT			English
<i>2</i>	JP 08-115652	05/07/96	Japan			Abst. & Transl.

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2	S. Iijima, "Helical Microtubules of Graphitic Carbon," Nature, Vol. 345, 56-58 (1991).		
2	T. W. Ebbesen et al., " Large-Scale Synthesis of Carbon Nanotubes," Nature, Vol. 358, 220-222 (1992).		
2	W. A. DeHeer et al., "Aligned Carbon Nanotube Films: Production and Optical and Electronic Properties," Science Vol. 268, 845-847 (1995).		
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D	5,577,943	11/96	Vickers et al.	445	24	
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↓	5,214,346	05/25/93	Komatsu	313	309	
↓	5,382,867	01/17/95	Maruo et al.	313	309	
↓	5,612,587	03/18/97	Itoh et al.	313	309	
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D	T. Guo et al., "Catalytic Growth of Single-Walled Nanotubes by Laser Vaporization," Chem Phys. Lett., Vol. 243, 49-54 (1995).
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D	6,135,839	10/24/00	Iwase et al.	445	24	

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D	A. C. Dillon et al., "Storage of Hydrogen in Single-Walled Carbon Nanotubes," Nature, Vol. 386, 377-379 (1997).
D 3	W.P. Dyke et al., "Field Emission", <i>Advances in Electronics and Electron Physics</i> , Vol. 8, (1956) pp. 89-185
D	C.A. Spindt et al., "Physical Properties of Thin-Film Field Emission Cathodes with Molybdenum Cones", <i>Journal of Applied Physics</i> , Vol. 47, No. 12 (1976), pp. 5248-5263

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	5-211029	08/20/93	JAPAN	H01J	1/30	No
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	1 113 478 A1	7/02	EPO			
	1 122 344 A3	8/01	EPO			
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2	M.I. Elinson et al., "The Emission of Hot Electrons and the Field Emission of Electrons from Tin Oxide", <i>Radio Engineering and Electronic Physics</i> , (1965) pp. 1290-1296
2	G. Dittmer, "Electrical Conduction and Electron Emission of Discontinuous Thin Films", <i>Thin Solid Films</i> , Vol. 9, (1972) pp. 317-329

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2	03-295131	12/26/91	Japan	H01J	1/30	No
2	A2 535 953	04/07/93	EPO	H01J	1/30	English
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2	05-198253	08/06/93	Japan	H01J	1/30	No
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